856 Ship Notice/Manifest

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Functional Group ID=SH

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Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Ship Notice/Manifest Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information. The sender of this transaction is the organization responsible for detailing and communicating the contents of a shipment, or shipments, to one or more receivers of the transaction set. The receiver of this transaction set can be any organization having an interest in the contents of a shipment or information about the contents of a shipment.

Notes:

1. CAOs use this transaction set to notify ship-to addressees of material shipments requiring acceptance at destination.

2. Use a single occurrence of this transaction set to transmit destination acceptance alerts for one or more shipments. Use one occurrence of this transaction set to transmit a single or multiple transactions.

3. Only use this transaction set to identify destination acceptance alerts for contracts assigned to DFAS for payment.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
	010	ST	Transaction Set Header	M	1		
	020	BSN	Beginning Segment for Ship Notice	M	1		
Not Used	040	DTM	Date/Time Reference	O	10		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - HL			200000	
	010	HL	Hierarchical Level	M	1		c1
	020	LIN	Item Identification	O	1		
	030	SN1	Item Detail (Shipment)	O	1		
Not Used	040	SLN	Subline Item Detail	O	1000		
	050	PRF	Purchase Order Reference	O	1		
Not Used	060	PO4	Item Physical Details	O	1		

Not Used	070	PID	Product/Item Description	O	200	
Not Used	080	MEA	Measurements	O	40	
Not Used	090	PWK	Paperwork	O	25	
Not Used	100	PKG	Marking, Packaging, Loading	O	25	
Not Used	110	TD1	Carrier Details (Quantity and Weight)	O	20	
Not Used	120	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	130	TD3	Carrier Details (Equipment)	O	12	
Not Used	140	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
	150	REF	Reference Identification	O	>1	
Not Used	151	PER	Administrative Communications Contact	O	3	
			LOOP ID - LH1			100
Not Used	152	LH1	Hazardous Identification Information	O	1	
Not Used	153	LH2	Hazardous Classification Information	O	4	
Not Used	154	LH3	Hazardous Material Shipping Name	O	12	
Not Used	155	LFH	Freeform Hazardous Material Information	O	20	
Not Used	156	LEP	EPA Required Data	O	3	
Not Used	157	LH4	Canadian Dangerous Requirements	O	1	
Not Used	158	LHT	Transborder Hazardous Requirements	O	3	
Not Used	159	LHR	Hazardous Material Identifying Reference Numbers	O	10	
Not Used	160	PER	Administrative Communications Contact	O	5	
Not Used	161	LHE	Empty Equipment Hazardous Material Information	O	1	
			LOOP ID - CLD			200
Not Used	170	CLD	Load Detail	O	1	
Not Used	180	REF	Reference Identification	O	200	
Not Used	185	DTP	Date or Time or Period	O	1	
Not Used	190	MAN	Marks and Numbers	O	>1	
	200	DTM	Date/Time Reference	O	10	
Not Used	210	FOB	F.O.B. Related Instructions	O	1	
Not Used	215	PAL	Pallet Information	O	1	
			LOOP ID - N1			200
	220	N1	Name	O	1	
Not Used	230	N2	Additional Name Information	O	2	
Not Used	240	N3	Address Information	O	2	
Not Used	250	N4	Geographic Location	O	1	
Not Used	260	REF	Reference Identification	O	12	
Not Used	270	PER	Administrative Communications Contact	O	3	
Not Used	280	FOB	F.O.B. Related Instructions	O	1	
Not Used	290	SDQ	Destination Quantity	O	50	
Not Used	300	ETD	Excess Transportation Detail	O	1	
Not Used	310	CUR	Currency	O	1	
Not Used	320	SAC	Service, Promotion, Allowance, or Charge Information	O	>1	
Not Used	330	GF	Furnished Goods and Services	O	1	
Not Used	335	YNQ	Yes/No Question	O	10	

				Req.		Loop	Notes and
	340	LM	Code Source Information	O	1		
	350	LQ	Industry Code	M	100		

LOOP ID - LM						10	

LOOP ID - V1						>1	
Not Used	360	V1	Vessel Identification	O	1		
Not Used	370	R4	Port	O	>1		
Not Used	380	DTM	Date/Time Reference	O	>1		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Not Used	010	CTT	Transaction Totals	O	1		n1
	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. Number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of units shipped (SN102) for each SN1 segment.

Transaction Set Comments

1. The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.

	Segment:	**ST** Transaction Set Header

Segment: **ST** Transaction Set Header

Position:	010
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the start of a transaction set and to assign a control number
Syntax Notes:	
Semantic Notes:	1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:	
Notes:	See control structure discussion in volume 1, chapter 6.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	ST01	143	**Transaction Set Identifier Code**	M ID 3/3
			Code uniquely identifying a Transaction Set	
			856 X12.10 Ship Notice/Manifest	
>>	ST02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

	Segment:	**BSN** Beginning Segment for Ship Notice
	Position:	020
	Loop:	
	Level:	Heading
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To transmit identifying numbers, dates, and other basic data relating to the transaction set
	Syntax Notes:	1 If BSN07 is present, then BSN06 is required.
	Semantic Notes:	1 BSN03 is the date the shipment transaction set is created.
		2 BSN04 is the time the shipment transaction set is created.
		3 BSN06 is limited to shipment related codes.
	Comments:	1 BSN06 and BSN07 differentiate the functionality of use for the transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	BSN01	353	**Transaction Set Purpose Code**	M ID 2/2
			Code identifying purpose of transaction set	
			00 Original	
			Use in all destination acceptance alerts.	
>>	BSN02	396	**Shipment Identification**	M AN 2/30
			A unique control number assigned by the original shipper to identify a specific shipment	
			Use ZZ for this data element. DLMS does not use this data element, but it is mandatory in the X12 standards. The ZZ entry satisfies the X12 usage requirements; the receiving application software shall not process it.	
>>	BSN03	373	**Date**	M DT 6/6
			Date (YYMMDD)	
			Express the originating activity's date in GMT.	
>>	BSN04	337	**Time**	M TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
			1. Express the originating activity's time in GMT. 2. Express time in a four-position (HHMM) format.	
X	BSN05	1005	**Hierarchical Structure Code**	O ID 4/4
			Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set	
			Refer to 003060 Data Element Dictionary for acceptable code values.	

| >> | BSN06 | 640 | Transaction Type Code | X | ID | 2/2 |

Code specifying the type of transaction

Use when the transaction set contains one or more destination acceptance alerts.

      U4   Acceptance Alert

| X | BSN07 | 641 | Status Reason Code | O | ID | 3/3 |

Code indicating the status reason

Refer to 003060 Data Element Dictionary for acceptable code values.

Segment:	**HL** Hierarchical Level		
Position:	010		
Loop:	HL		
Level:	Detail		
Usage:	Mandatory		
Max Use:	1		
Purpose:	To identify dependencies among and the content of hierarchically related groups of data segments		
Syntax Notes:			
Semantic Notes:			
Comments:	1	The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.	
	2	HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.	
	3	HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.	
	4	HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.	
	5	HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.	
Notes:	1. Iterations of the 2/HL/010 loop provide destination acceptance alert data structured in a heirarchical logic consisting of: address, shipment and line item information. 2. Must use the first 2/HL/010 loop iteration as the address loop. Use the second iteration as the shipment loop to provide information common to all line items. Must use the third and, if applicable, subsequent loop iterations as the line item loop. Repeat the shipment and line item loops to identify additional destination acceptance alerts.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	**HL01**	**628**	**Hierarchical ID Number**	**M AN 1/12**
			A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	
			In the first 2/HL/010 loop iteration, cite numeric 1. In each subsequent loop iteration, increase incrementally by 1.	
	HL02	**734**	**Hierarchical Parent ID Number**	**O AN 1/12**
			Identification number of the next higher hierarchical data segment that the	

data segment being described is subordinate to

1. Do not use in 2/HL/010 address loops. Use in 2/HL/010 shipment loop iteration to identify the address loop associated with each shipment. Also use for each 2/HL/010 line item loop iteration to identify the shipment loop associated with each line item.

2. Cite the sequential serial number assigned in HL01 of the 2/HL/010 address loop to identify the shipment associated with the address. Cite the sequential serial number assigned in HL01 of the 2/HL/010 shipment loop to identify the line item associated with the shipment level loop. Citing the applicable information in this fashion provides a cross-reference for all address, shipment, and line item information contained in the destination acceptance alert transaction set.

| >> | HL03 | 735 | Hierarchical Level Code | M | ID | 1/2 |

Code defining the characteristic of a level in a hierarchical structure

| I | Item |

Use to identify the individual line item loops.

| S | Shipment |

Use to identify the individual shipment loops.

| V | Address Information |

The HL loop will identify entities associated with the shipment notice transaction

Use to identify the transaction set address loop.

| X | HL04 | 736 | Hierarchical Child Code | O | ID | 1/1 |

Code indicating if there are hierarchical child data segments subordinate to the level being described

Refer to 003060 Data Element Dictionary for acceptable code values.

Segment: **LIN** Item Identification

Position:	020
Loop:	HL
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify basic item identification data

Syntax Notes:
1. If either LIN04 or LIN05 is present, then the other is required.
2. If either LIN06 or LIN07 is present, then the other is required.
3. If either LIN08 or LIN09 is present, then the other is required.
4. If either LIN10 or LIN11 is present, then the other is required.
5. If either LIN12 or LIN13 is present, then the other is required.
6. If either LIN14 or LIN15 is present, then the other is required.
7. If either LIN16 or LIN17 is present, then the other is required.
8. If either LIN18 or LIN19 is present, then the other is required.
9. If either LIN20 or LIN21 is present, then the other is required.
10. If either LIN22 or LIN23 is present, then the other is required.
11. If either LIN24 or LIN25 is present, then the other is required.
12. If either LIN26 or LIN27 is present, then the other is required.
13. If either LIN28 or LIN29 is present, then the other is required.
14. If either LIN30 or LIN31 is present, then the other is required.

Semantic Notes:
1. LIN01 is the line item identification

Comments:
1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., or SKU.

Notes:
1. Use the 2/LIN/020 segment in 2/HL/010 line item loops to cite a line item, and to identify only one national or local stock number, or manufacturer's part number.

2. Must use at least one iteration of this segment to identify the line item.

3. If the line item cannot be described using one of the listed stock or part number codes, LIN02/03 must still be used to satisfy X12 standards.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	LIN01	350	Assigned Identification	O	AN	1/20

Alphanumeric characters assigned for differentiation within a transaction set

Use to identify the CLIN, (including the SUBCLIN, ELIN, or SUBELIN) as applicable.

	Ref. Des.	Data Element	Name	Attributes		
>>	LIN02	235	Product/Service ID Qualifier	M	ID	2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

1. Use codes FS, MG, or SW to identify material. Must use only one

code in each use of the 2/LIN/020 segment.

2. Use PD for this data element when the line item cannot be identified by using one of the other listed codes. Use Z in LIN03. DLMS does not use this data element, but it is mandatory in the X12 standards. The Z entry satisfies the X12 usage requirement; the receiving application software shall not process it.

			FS	National Stock Number			

Must use the NSN when known.

			MG	Manufacturer's Part Number			

Use as needed to identify the manufacturer's part number. When using, there must be an additional occurrence of a 235/234 pair citing code ZB to identify the manufacturer's CAGE code.

			PD	Part Number Description			

Use the letter Z in LIN03 to indicate "See Contract" when the item can not be described by one of the other codes.

			SW	Stock Number			

Use to identify a local stock number.

			ZB	Commercial and Government Entity (CAGE) Code			

A code that identifies a commercial contractor authorized to do business with the U.S. government

Use to identify a manufacturer's CAGE code only when a 235/234 pair cites code MG.

>>	LIN03	234	**Product/Service ID**	M	AN	1/40

Identifying number for a product or service

	LIN04	235	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003060 Data Element Dictionary for acceptable code values.

	LIN05	234	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service

X	LIN06	235	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003060 Data Element Dictionary for acceptable code values.

X	LIN07	234	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service

X	LIN08	235	**Product/Service ID Qualifier**	X	ID	2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003060 Data Element Dictionary for acceptable code values.

X	LIN09	234	**Product/Service ID**	X	AN	1/40

Identifying number for a product or service

X	LIN10	235	**Product/Service ID Qualifier**	X	**ID**	**2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003060 Data Element Dictionary for acceptable code values.

X	LIN11	234	**Product/Service ID**	X	**AN**	**1/40**

Identifying number for a product or service

X	LIN12	235	**Product/Service ID Qualifier**	X	**ID**	**2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003060 Data Element Dictionary for acceptable code values.

X	LIN13	234	**Product/Service ID**	X	**AN**	**1/40**

Identifying number for a product or service

X	LIN14	235	**Product/Service ID Qualifier**	X	**ID**	**2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003060 Data Element Dictionary for acceptable code values.

X	LIN15	234	**Product/Service ID**	X	**AN**	**1/40**

Identifying number for a product or service

X	LIN16	235	**Product/Service ID Qualifier**	X	**ID**	**2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003060 Data Element Dictionary for acceptable code values.

X	LIN17	234	**Product/Service ID**	X	**AN**	**1/40**

Identifying number for a product or service

X	LIN18	235	**Product/Service ID Qualifier**	X	**ID**	**2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003060 Data Element Dictionary for acceptable code values.

X	LIN19	234	**Product/Service ID**	X	**AN**	**1/40**

Identifying number for a product or service

X	LIN20	235	**Product/Service ID Qualifier**	X	**ID**	**2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003060 Data Element Dictionary for acceptable code values.

X	LIN21	234	**Product/Service ID**	X	**AN**	**1/40**

Identifying number for a product or service

X	LIN22	235	**Product/Service ID Qualifier**	X	**ID**	**2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003060 Data Element Dictionary for acceptable code values.

X	LIN23	234	**Product/Service ID**	X	AN	1/40
			Identifying number for a product or service			
X	LIN24	235	**Product/Service ID Qualifier**	X	ID	2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			Refer to 003060 Data Element Dictionary for acceptable code values.			
X	LIN25	234	**Product/Service ID**	X	AN	1/40
			Identifying number for a product or service			
X	LIN26	235	**Product/Service ID Qualifier**	X	ID	2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			Refer to 003060 Data Element Dictionary for acceptable code values.			
X	LIN27	234	**Product/Service ID**	X	AN	1/40
			Identifying number for a product or service			
X	LIN28	235	**Product/Service ID Qualifier**	X	ID	2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			Refer to 003060 Data Element Dictionary for acceptable code values.			
X	LIN29	234	**Product/Service ID**	X	AN	1/40
			Identifying number for a product or service			
X	LIN30	235	**Product/Service ID Qualifier**	X	ID	2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			Refer to 003060 Data Element Dictionary for acceptable code values.			
X	LIN31	234	**Product/Service ID**	X	AN	1/40
			Identifying number for a product or service			

	Segment:	**SN1** Item Detail (Shipment)

Position: 030
Loop: HL
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify line-item detail relative to shipment
Syntax Notes: 1 If either SN105 or SN106 is present, then the other is required.
Semantic Notes: 1 SN101 is the ship notice line-item identification.
Comments: 1 SN103 defines the unit of measurement for both SN102 and SN104.
Notes: Use the 2/SN1/030 segment only in 2/HL/010 line item loops to identify the material shipment quantity.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
X	SN101	350	**Assigned Identification**	O	AN	1/20
			Alphanumeric characters assigned for differentiation within a transaction set			
>>	SN102	382	**Number of Units Shipped**	M	R	1/10
			Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set			
			1. Use to identify the quantity shipped.			
			2. Express quantity as a whole number with no decimals. For example, if the quantity is 20, cite only 20.			
>>	SN103	355	**Unit or Basis for Measurement Code**	M	ID	2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
			Use to identify the purchase unit for the quantity shipped or service performed. (See the unit of issue conversion table in volume 1, chapter 10).			
			Refer to 003060 Data Element Dictionary for acceptable code values.			
X	SN104	646	**Quantity Shipped to Date**	O	R	1/9
			Number of units shipped to date			
X	SN105	330	**Quantity Ordered**	X	R	1/9
			Quantity ordered			
X	SN106	355	**Unit or Basis for Measurement Code**	X	ID	2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
			Refer to 003060 Data Element Dictionary for acceptable code values.			
X	SN107	728	**Returnable Container Load Make-Up Code**	O	ID	1/2
			Code identifying the load make-up of the returnable containers in the shipment			

Refer to 003060 Data Element Dictionary for acceptable code values.

X   **SN108**   **668**   **Line Item Status Code**   **O**   **ID**   **2/2**

Code specifying the action taken by the seller on a line item requested by the buyer

Refer to 003060 Data Element Dictionary for acceptable code values.

	Segment:	**PRF** Purchase Order Reference
	Position:	050
	Loop:	HL
	Level:	Detail
	Usage:	Optional
	Max Use:	1
	Purpose:	To provide reference to a specific purchase order
	Syntax Notes:	
	Semantic Notes:	**1** PRF04 is the date assigned by the purchaser to purchase order.
	Comments:	
	Notes:	1. Use the 2/PRF/050 segment in each 2/HL/010 shipment loop to identify contract information.
		2. Use to identify the PIIN and, if applicable, the SPIIN. Do not include the modification number, if applicable.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes		
>>	PRF01	324	**Purchase Order Number**	M	AN	1/22	
			Identifying number for Purchase Order assigned by the orderer/purchaser				
			Use to identify the PIIN of the contract or order.				
	PRF02	328	**Release Number**	O	AN	1/30	
			Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction				
			Use to identify a four-position SPIIN call/order number. Do not include the modification number.				
X	PRF03	327	**Change Order Sequence Number**	O	AN	1/8	
			Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set				
X	PRF04	373	**Date**	O	DT	6/6	
			Date (YYMMDD)				
X	PRF05	350	**Assigned Identification**	O	AN	1/20	
			Alphanumeric characters assigned for differentiation within a transaction set				
X	PRF06	367	**Contract Number**	O	AN	1/30	
			Contract number				
X	PRF07	92	**Purchase Order Type Code**	O	ID	2/2	
			Code specifying the type of Purchase Order				
			Refer to 003060 Data Element Dictionary for acceptable code values.				

Segment:	**REF** Reference Identification
Position:	150
Loop:	HL
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
	2 If either C04003 or C04004 is present, then the other is required.
	3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	1. Use in the 2/HL/010 shipment loop to identify the shipment number assigned by the contractor, and if applicable, the suffix associated with the shipment number.
	2. Use in the 2/HL/010 line item loop to identify the transaction number (i.e., the requisition number) and if applicable, the requisition number suffix.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
>> REF01	128	**Reference Identification Qualifier**	M ID 2/3

Code Qualifying the Reference Identification

55	Sequence Number

Use, if applicable, in 2/HL/010 shipment loops to identify the suffix letter associated with a replacement shipment (e.g., when transmitting the letter A to indicate the first replacement shipment).

FS	Final Sequence Number

Use, if applicable, in the 2/HL/010 shipment loop to identify the suffix associated with a final shipment number (e.g., when transmitting the letter Z to indicate a final shipment).

SI	Shipper's Identifying Number for Shipment (SID)

A unique number (to the shipper) assigned by the shipper to identify the shipment

Must use to identify the shipment number.

TN	Transaction Reference Number

Use as needed to identify the transaction number (i.e., the requisition number).

W8	Suffix

Differentiates between partial actions taken on the original transaction

Use as needed to identify the suffix associated with the transaction number.

>>	REF02	127	**Reference Identification**	X	AN	1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

X	REF03	352	**Description**	X	AN	1/80

A free-form description to clarify the related data elements and their content

X	REF04	C040	**Reference Identifier**	O		

To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

X	C04001	128	**Reference Identification Qualifier**	M	ID	2/3

Code Qualifying the Reference Identification

Refer to 003060 Data Element Dictionary for acceptable code values.

X	C04002	127	**Reference Identification**	M	AN	1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

X	C04003	128	**Reference Identification Qualifier**	X	ID	2/3

Code Qualifying the Reference Identification

Refer to 003060 Data Element Dictionary for acceptable code values.

X	C04004	127	**Reference Identification**	X	AN	1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

X	C04005	128	**Reference Identification Qualifier**	X	ID	2/3

Code Qualifying the Reference Identification

Refer to 003060 Data Element Dictionary for acceptable code values.

X	C04006	127	**Reference Identification**	X	AN	1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment: # DTM Date/Time Reference

Position: 200
Loop: HL
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM06 is required.
2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:
Comments:
Notes: Use in the 2/HL/010 shipment loop to identify either the actual or estimated date of material shipment when the same date applies to all line items cited in the 2/HL/010 line item loops.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
>>	DTM01	374	**Date/Time Qualifier**	M	ID	3/3

Code specifying type of date or time, or both date and time

Use only one code in 2/HL/010 shipment loops.

	011	Shipped

Use to indicate the applicable line item has been shipped.

	139	Estimated

Use to indicate the applicable line item has an estimated shipping date.

	Ref. Des.	Data Element	Name		Attributes	
	DTM02	373	**Date**	X	DT	6/6

Date (YYMMDD)

X	DTM03	337	**Time**	X	TM	4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

X	DTM04	623	**Time Code**	O	ID	2/2

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

Refer to 003060 Data Element Dictionary for acceptable code values.

X	DTM05	624	**Century**	O	N0	2/2

The first two characters in the designation of the year (CCYY)

| X | DTM06 | 1250 | **Date Time Period Format Qualifier** | **X** | **ID** | **2/3** |

Code indicating the date format, time format, or date and time format

Refer to 003060 Data Element Dictionary for acceptable code values.

| X | DTM07 | 1251 | **Date Time Period** | **X** | **AN** | **1/35** |

Expression of a date, a time, or range of dates, times or dates and times

Segment:		**N1** Name			
Position:		220			
Loop:		N1			
Level:		Detail			
Usage:		Optional			
Max Use:		1			
Purpose:		To identify a party by type of organization, name, and code			
Syntax Notes:		1	At least one of N102 or N103 is required.		
		2	If either N103 or N104 is present, then the other is required.		
Semantic Notes:					
Comments:		1	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.		
		2	N105 and N106 further define the type of entity in N101.		
Notes:		1. Use the 2/N1/220 loop in the 2/HL/010 address loop to identify the ADP point of the CAO originating the transaction set.			
		2. Use the 2/N1/220 loop in the 2/HL/010 address loop to identify the acceptance activity (ship-to address) receiving the transaction set.			

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
>>	N101	98	**Entity Identifier Code**		M ID 2/2	
			Code identifying an organizational entity, a physical location, or an individual			
			CJ	Automated Data Processing (ADP) Point		
				A qualifier for an address of a location providing ADP support to an entity that is the intended recipient of a transmission, but that entity does not have its own organic capability to receive the transmission directly, relying instead on the support provided by the ADP point		
				Use to identify a DFAS ADP point through which a subsequent acceptance report will be forwarded.		
			CN	Consignee		
				Use to identify the shipment consignee.		
X	N102	93	**Name**		X AN 1/35	
			Free-form name			
>>	N103	66	**Identification Code Qualifier**		X ID 1/2	
			Code designating the system/method of code structure used for Identification Code (67)			
			10	Department of Defense Activity Address Code (DODAAC)		
			M4	Department of Defense Routing Identifier Code		

(RIC)

An integral and predetermined participant in an
established logistical system performing general
logistic control, distribution, and storage functions

| >> | **N104** | **67** | **Identification Code** | | **X** | **AN** | **2/20** |

Code identifying a party or other code

| **X** | **N105** | **706** | **Entity Relationship Code** | | **O** | **ID** | **2/2** |

Code describing entity relationship

Refer to 003060 Data Element Dictionary for acceptable code values.

| | **N106** | **98** | **Entity Identifier Code** | | **O** | **ID** | **2/2** |

Code identifying an organizational entity, a physical location, or an
individual

Must use codes FR and TO in conjunction with the appropriate
2/N101/220 code to indicate the organizations sending and receiving the
transaction set.

FR   Message From

Use to indicate that the organization cited in N104
transmitted the transaction set.

TO   Message To

Use to indicate that the organization cited in N104 is
to receive the transaction set.

Segment: **LM** Code Source Information

Position:	340
Loop:	LM
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit standard code list identification information
Syntax Notes:	
Semantic Notes:	
Comments:	**1** LM02 identifies the applicable industry code list source information.
Notes:	Use the 2/LM/340 loop in 2/HL/010 shipment loops to identify, as applicable, the PQA site, liquidated damages clause, cash discount stipulation, and TSI, as DoD coded data, when the same code value applies to all line items cited in 2/HL/010 line item loops. Use the 2/LM/340 loop in 2/HL/010 line item loops to identify coded data which varies by line item.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	LM01	559	**Agency Qualifier Code**	M	ID	2/2
			Code identifying the agency assigning the code values			
			DF Department of Defense (DoD)			
X	LM02	822	**Source Subqualifier**	O	AN	1/15
			A reference that indicates the table or text maintained by the Source Qualifier			

Segment:	**LQ** Industry Code					

Segment: **LQ** Industry Code

Position: 350
Loop: LM
Level: Detail
Usage: Mandatory
Max Use: 100
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:
Notes: 1. Use to identify codes, as appropriate, consistent with management information requirements.

2. Must use codes 7 and 16 at least once in each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
>>	LQ01	1270	**Code List Qualifier Code**	O	ID	1/3

Code identifying a specific industry code list

    0   Document Identification Code

          Codes that subclassify a transaction

    6   Special Contract Provision Code

          Certain contract clauses and provisions that require special attention

          Use to indicate that the contract contains a liquidated damages clause and acceptance should be expedited.

    7   Quality Assurance Site Code

          The site at which quality assurance is performed

          Use to identify the quality assurance performance location.

    10   Transaction Status Indicator Code

          A transaction other than normal and therefore requiring special handling

          Use to identify the status of destination acceptance alert transactions.

    16   Cash Discount Stipulation Code

          When cash discount terms for prompt payment apply to the contract

          Use to identify to the consignee that a cash discount applies and acceptance should be expedited.

	Ref. Des.	Data Element	Name	Attributes		
>>	LQ02	1271	**Industry Code**	X	AN	1/30

Code indicating a code from a specific industry code list

Segment:	**SE** Transaction Set Trailer		
Position:	020		
Loop:			
Level:	Summary		
Usage:	Mandatory		
Max Use:	1		
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)		
Syntax Notes:			
Semantic Notes:			
Comments:	**1** SE is the last segment of each transaction set.		
Notes:	See control structure discussion in volume 1, chapter 6.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	**SE01**	**96**	**Number of Included Segments**	**M N0 1/10**
			Total number of segments included in a transaction set including ST and SE segments	
>>	**SE02**	**329**	**Transaction Set Control Number**	**M AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	